## I/WE CLAIM:

- 1. A wellhead system for stimulating and extracting subterranean hydrocarbons from a low-pressure well, the system comprising:
  - a plurality of tubular heads independently secured by threaded unions, each tubular head supporting a mandrel for suspending a tubular string in the well, each mandrel being secured to the tubular head by a threaded union.
- The wellhead system as claimed in claim 1 comprising two independent tubular heads separated by a mandrel.
- 3. The wellhead system as claimed in claim 1 wherein each threaded union comprises a nut.
- 4. The wellhead system as claimed in claim 3 wherein the nut is one of a wring nut, a spanner nut and a hammer union.
- 5. The wellhead system as claimed in claim 1 wherein the tubular strings suspended by the mandrels are concentrically disposed within a surface casing suspended by a wellhead, the wellhead being supported by a conductor assembly dug into the earth.
- 6. The wellhead system as claimed in claim 1 comprising:
  - a casing mandrel threadedly secured to a wellhead, the wellhead securing and suspending a surface casing;

- a tubing head spool threadedly secured to the casing mandrel, the casing mandrel securing and suspending a production casing; and
- a tubing hanger threadedly secured to the tubing head spool, the tubing hanger securing and suspending a production tubing.
- 7. The wellhead system as claimed in claim 6 further comprising an adapter flange threadedly secured to the tubing hanger, the adapter flange having an upper flange for connecting to a flow-control device.
- 8. The low-pressure wellhead system comprising:

  an independent screwed wellhead having independently secured tubular heads for supporting respective tubular strings in a well bore; and
  - a plurality of threadedly secured mandrels supported by the tubular heads, the mandrels securing and suspending the tubular strings in the well bore.
- 9. The wellhead system as claimed in claim 8 comprising a first tubular head and a second tubular head, a first mandrel located between the first and second tubular heads and a second mandrel supported above the second tubular head.
- 10. The wellhead system as claimed in claim 9 wherein:

  the first tubular head is a wellhead that secures and
  suspends a surface casing in the well bore;
  - the first mandrel is a casing mandrel that secures and suspends a production casing in the well bore;

- the second tubular head is a tubing head spool supporting the second mandrel at an upper end of the tubing head spool; and
- the second mandrel is a tubing hanger that secures and suspends a production tubing in the well bore.
- 11. The wellhead system as claimed in claim 8 wherein the tubular heads and mandrels are secured by threaded unions.
- 12. The wellhead system as claimed in claim 11 wherein the threaded unions are one of a wring nut, a spanner nut and a hammer union.
- 13. A method of completing a low-pressure well comprising steps of:
  - securing a first mandrel to a first tubular head using a first threaded union, the first tubular head supporting a first tubular string in the well, and the first mandrel supporting a second tubular string in the well;
  - securing a second tubular head to the first mandrel using a second threaded union; and
  - securing a second mandrel to the second tubular head using a third threaded union, the second mandrel supporting a third tubular string in the well.
- 14. The method as claimed in claim 13 further comprising a step of securing an adapter flange to the second mandrel using a fourth threaded union.

- 15. The method of completing a low-pressure well after a conductor assembly has been installed in the ground above a subterranean hydrocarbon formation, the method comprising steps of:
  - landing a wellhead onto the conductor assembly, the wellhead securing and suspending a surface casing in the well;
  - securing a casing mandrel to the wellhead using a first threaded union, the casing mandrel securing and suspending a production casing in the well;
  - securing a tubing head spool to the casing mandrel using a second threaded union; and
  - securing a tubing hanger to the tubing head spool using a third threaded union, the tubing hanger securing and suspending a production tubing in the well.
- 16. The method as claimed in claim 15 further comprising the step of securing an adapter flange to the tubing hanger using a fourth threaded union.
- 17. The method as claimed in claim 15 further comprising steps of:
  - after the step of securing the casing mandrel to the wellhead, securing a frac stack to the casing mandrel using a fourth threaded union, the frac stack having conduits for conveying proppants and pressurized fluids into the production casing for fracturing the subterranean hydrocarbon formation; and

- prior to the step of securing the tubing head spool to the casing mandrel, removing the frac stack from the casing mandrel.
- 18. The method as claimed in claim 17 wherein the step of securing the frac stack using the fourth threaded union further comprises the steps of:
  - securing a frac stack adapter flange to the underside of the frac stack; and
  - securing an adapter pin to the casing mandrel, the adapter pin having pin threads for engaging box threads of the frac stack adapter flange.
- 19. A method of installing and completing a low-pressure wellhead system for the extraction of hydrocarbons from a subterranean hydrocarbon formation, the method comprising the steps of:
  - digging away earth above the subterranean hydrocarbon formation to accommodate a conductor;
  - installing a conductor window on the conductor;
  - running surface casing until a wellhead is seated above the conductor:
  - cementing the surface casing in place;
  - removing the conductor window to expose the wellhead;
  - mounting a blowout preventer and drilling flange to the wellhead using a first threaded union;
  - inserting a test plug into the wellhead system to test a pressure-integrity of the wellhead system;
  - removing the test plug after the testing of the pressure-integrity of the wellhead is complete;

installing a wear bushing in the drilling flange;

drilling a bore to accommodate a production casing;

running in the production casing until a casing mandrel connected to a top end of the production casing is seated in a casing bowl of the wellhead;

cementing in the production casing;

removing the blowout preventer and drilling flange;

securing the casing mandrel to the wellhead using a second threaded union;

securing a tubing head spool to the casing mandrel using a third threaded union;

running in a production tubing until a tubing hanger is seated in the tubing head spool; and

securing the tubing hanger to the tubing head spool using a fourth threaded union.

- 20. The method as claimed in claim 19 further comprising a step of securing an adapter flange to the tubing hanger using a fifth threaded union.
- 21. The method as claimed in claim 20 further comprising a steps of:
  - after the step of securing the casing mandrel to the wellhead, securing a frac stack to the casing mandrel using a fifth threaded union, the frac stack having conduits for conveying proppants and pressurized fluids into the production casing for fracturing the subterranean hydrocarbon formation; and

prior to the step of securing the tubing head spool to the casing mandrel, removing the frac stack from the casing mandrel.